



Substitute for form 1449A/PTO

(Use as many sheets as necessary)

Application Number	10/576,568
Filing Date	January 3, 2007
First Named Inventor	KNOX, SUSAN J.
Art Unit	1645
Examiner Name	
Attorney Docket Number	STAN-333

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Examiner Initials ¹	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

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NON PATENT LITERATURE DOCUMENTS			
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		BALDEW et al., "Selenium-induced Protection against <i>cis</i> -Diamminedichloroplatinum(II) Nephrotoxicity in Mice and Rats." <u>Cancer Res.</u> , 49(11):3020-3 (1989)	
		BUNTZEL, "Erfahrungen mit Natriumselenit in der Behandlung von akuten und späten Nebenwirkungen der Radiochemotherapie von Kopf-Hals-Karzinomen." <u>Med. Klin.</u> , 3:49-53, 94 Suppl. (1999)	
		CAFFREY et al., "Treatment of human ovarian tumor xenografts with selenite prevents the melphalan-induced development of drug resistance." <u>Cancer Chemother. Pharmacol.</u> 46(1):74-8 (2000)	
		CAFFREY et al., "Selenium compounds prevent the induction of drug resistance by cisplatin in human ovarian tumor xenografts in vivo." <u>Anticancer Res.</u> 18(4C): 3017-20 (1998)	
		CAFFREY et al., "Prevention of the Development of Melphalan Resistance In Vitro by Selenite." <u>Biol. Trace. Elem. Res.</u> 65(3):187-98 (1998)	
		CAFFREY et al., "Sensitivity of melphalan-resistant tumors to selenite in vivo." <u>Cancer Lett.</u> 121(2):177-80 (1997)	
		CLARK et al., "Effects of Selenium Supplementation for Cancer Prevention in Patients with Carcinoma of the Skin." <u>JAMA</u> , 276: 1957-1963 (1996)	
		COMBS et al., "Chemopreventive Agents: Selenium." <u>Pharmacol. Ther.</u> , 79(3): 179-192 (1998)	
		COMBS et al., "Selenium and Cancer Prevention." <u>Antioxidants and Disease Prevention</u> , Ch. 8, 97-113. CRC Press, N.Y. (1997);	
		COOK et al., "Cellular Glutathione and Thiol Measurements from Surgically Resected Human Lung Tumor and Normal Lung Tissue." <u>Cancer Res.</u> 51: 4287-4294 (1991)	

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		CORCORAN et al., "Inorganic Selenium Retards Progression of Experimental Hormone Refractory Prostate Cancer." <u>J. Urol.</u> 171: 907-910 (2004).	
		FICO et al., "Differential Effects of Selenium on Normal and Neoplastic Canine Mammary Cells." <u>Cancer Res.</u> 46: 3384-3388 (1986)	
		FLEMING et al., "Molecular Mechanisms of Cancer Prevention by Selenium Compounds." <u>Nut Cancer.</u> 40(1): 42-49 (2001)	
		FRENKEL et al., "A Prevention Strategy for Circumventing Drug Resistance in Cancer Chemotherapy." <u>Curr Pharm.</u> 7(16): 1595-614 (2001)	
		GASPARIAN et al., "Selenium Compounds Inhibit IκB Kinase (IKK) and Nuclear Factor-κB (NF-κB) in Prostate Cancer Cells." <u>Mol Canc Ther</u> 1: 1079-1087 (2002)	
		GHOSE et al., "Enhanced Sensitivity of Human Oral Carcinomas to Induction of Apoptosis by Selenium Compounds: Involvement of Mitogen-activated Protein Kinase and Fas Pathways." <u>Cancer Res.</u> 61: 7479-7487 (2001)	
		GHOSH et al., "Rapid induction of apoptosis in prostate cancer cells by selenium: reversal by metabolites of arachidonate 5-lipoxygenase." <u>Biochem Biophys. Res. Comm.</u> 315: 624-635 (2004)	
		GLEAVE et al., "Progression to Androgen Independence is Delayed by Adjuvant Treatment with Antisense Bcl-2 Oligodeoxynucleotides after Castration in the LNCaP Prostate Tumor Model." <u>Clin. Cancer Res.</u> 5: 2891-8 (1999)	
		GLEAVE et al., "Targeting bcl-2 Gene to Delay Androgen-Independent Progression and Enhance Chemosensitivity in Prostate Cancer Using Antisense bcl-2 Oligodeoxynucleotides." <u>Urology.</u> 54(6A): 36-46 (1999)	
		GREEDER et al., "Factors Influencing the Inhibitory Effect of Selenium on Mice Inoculated with Ehrlich Ascites Tumor Cells." <u>Science.</u> 209: 825-827 (1980)	

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		HUSBECK et al., "Inhibition of androgen receptor signaling by selenite and methylseleninic acid in prostate cancer cells: two distinct mechanisms of action." <u>Mol Cancer Ther</u> 5(8): 2078-2085 (2006)	
		HUSBECK et al., "Tumor-Selective Killing by Selenite in Patient-Matched Pairs of Normal and Malignant Prostate Cells." <u>The Prostate</u> 66: 218-225 (2006)	
		HUSBECK et al., "Redox modulation of human prostate carcinoma cells by selenite increases radiation-induced cell killing." <u>Free Rad Biol Med</u> . 38: 50-57 (2005)	
		IP, et al., "Current concepts of selenium and mammary tumorigenesis." <u>Cellular and Molecular Biology of Breast Cancer</u> , 479-494. Plenum Press, N.Y. (1997)	
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		KASSEROLLER et al., "Treatment of secondary lymphedema of the arm with physical decongestive therapy of sodium selenite: a review." <u>Am J Ther.</u> 7(4): 273-9 (2000)	
		LEUNG et al., "Effect of L-Buthionine Sulfoximine on the Radiation Response of Human Renal Carcinoma Cell Lines." <u>Cancer</u> . 71: 2276-85 (1993)	
		MACKEY et al., "bcl-2/bzx Ratio as a Predictive Marker for Therapeutic Response to Radiotherapy in Patients with Prostate Cancer." <u>Urology</u> . 52(6): 1085-1090 (1998)	
		MEDINA et al., "Current Ideas on Selenium as a Chemopreventive Agent." <u>Pathol Immunopathol Res</u> . 7: 187-199 (1988);	
		MENTER et al., "Selenium Effects on Prostate Cell Growth." <u>Cancer Epid. Biomarkers. Prev.</u> , 9:1171-1182 (2000)	

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		MICKE et al., "Selenium in the Treatment of Radiation-Associated Secondary Lymphedema." <u>Int. J. Radiation Oncology Biol. Phys.</u> 56(1):44-49 (2003)	
		MILNER et al., "Inhibitory Effects of Selenium on the Growth of L1210 Leukemic Cells." <u>Cancer Res.</u> 41: 1652-1656 (1981)	
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		OHKAWA et al., "The effects of co-administration of selenium and <i>cis</i> -platin (CDDP) on CDDP-induced toxicity and antitumor activity." <u>Br. J. Cancer</u> , 58(1):38-41 (1988)	
		PERRY et al., "Glutathione Levels and Variability in Breast Tumors and Normal Tissue." <u>Cancer</u> , 72(3): 783-787 (1993)	
		SHAMBERGER et al., "Selenium Distribution and Human Cancer Mortality." <u>CRC Crit Rev Clin Sci.</u> 2: 211-219 (1971)	
		SHEN et al., "Superoxide Radical-Initiated Apoptotic Signalling Pathway in Selenite-Treated HEPG ₂ Cells: Mitochondria Serve as the Main Target." <u>Free Radic. Biol. Med.</u> 30(1): 9-21 (2001)	
		SHEN et al., "Dual Role of Glutathione in Selenite-Induced Oxidative Stress and Apoptosis in Human Hepatoma Cells." <u>Free Radic. Biol. Med.</u> 28(7):1115-1124 (2000)	
		SHEN et al., "Sodium Selenite-Induced Oxidative Stress and Apoptosis in Human Hematoma HepG ₂ Cells." <u>Int. J. Cancer</u> , 81: 820-828 (1999)	
		SPALLHOLZ. "Selenium and the Prevention of Cancer." <u>Bulletin of Sellenium-Tellurium Dev. Ass'n</u> May (2001)	

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		WACHOWICZ et al., "Selenium compounds in the environment: their effect on human health" <u>Cell. Mol. Biol. Lett.</u> 6:375-381 (2001)	
		WATRACH et al., "Inhibition of Human Breast Cancer Cells by Selenium." <u>Cancer Lett.</u> 25: 41-47 (1984)	
		WATRACH et al., "Effect of Selenium on Growth Rate of Canine Mammary Carcinoma Cells in Athymic Nude Mice." <u>Cancer Lett.</u> 15: 137-143 (1982)	
		WEBBER et al., "Inhibitory Effects of Selenium on the Growth of DU-145 Human Prostate Carcinoma Cells In Vitro." <u>Biochem. Biophys. Res. Commun.</u> , 130(2):603-609 (1985)	
		YUAN et al., "Coordinate Alterations in the Expression of BRCA1, BRCA2, p300 and Rad51 in Response to Genotoxic and Other Stresses in Human Prostate Cancer Cells." <u>The Prostate</u> 40: 37-49 (1999)	
		ZHONG et al., "Redox-mediated Effects of Selenium on Apoptosis and Cell Cycle in the LNCaP Human Prostate Cancer Cell Line." <u>Cancer Res.</u> 61: 7071-7078 (2001)	
		ZHOU et al., "DNA Damage-mediated Apoptosis Induced by Selenium Compounds." <u>J. Biol. Chem.</u> 278(32): 29532-29537 (2003)	

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